

Title (en)
COATING RESIN COMPOSITION

Title (de)
BESCHICHTUNGSHARZMASSE

Title (fr)
COMPOSITION DE RESINE DE REVETEMENT

Publication
EP 0822240 B1 20020925 (EN)

Application
EP 96909379 A 19960416

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Abstract (en)
[origin: EP0822240A1] A coating resin composition is able to form a coating film having not only high hardness and weatherability but also high toughness, and can be cured both at room temperature and by heating curing, and further which is good at storage stability. The coating resin composition consists essentially of a silica-dispersed oligomer solution of organosilane prepared by partially hydrolyzing a hydrolyzable organosilane represented by a formula $R<1>nSiX4-n$, in colloidal silica dispersed in an organic solvent, water or a mixture thereof, and an acrylic resin which is a copolymer of acrylate or methacrylate represented by a formula, $CH_2=CR<2><COOR<3>$), and a curing catalyst. This composition is used by separating the components into two solutions and then mixing thereof as required. A resin-coated article comprises a cured resin layer of the coating resin composition on the surface of a substrate. <IMAGE>

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4. **C04B 41/009 + C04B 28/02**
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6. **C09D 133/06 + C08L 2666/14**
7. **C09D 183/04 + C08L 2666/04 + C08L 2666/54**

Cited by
EP0955275A1; EP1992647A1; US11597188B2; CN112646186A; EP4039764A4; US6333371B1; US7445848B2; US7582351B2; US11292926B2; US11623995B2; US6743854B2; US7026400B2; WO2006046003A1; US6989419B2; US8178168B2; EP4136974A1; WO2023021221A1

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